|   | Index of Claims  |              |        |                     |                |          |                  |              |                 |        |                   |            | Applications control No. |                   |  |          |             |            |        |           | Reexamination    |         |          |          |          |           |   |   |     |  |
|---|------------------|--------------|--------|---------------------|----------------|----------|------------------|--------------|-----------------|--------|-------------------|------------|--------------------------|-------------------|--|----------|-------------|------------|--------|-----------|------------------|---------|----------|----------|----------|-----------|---|---|-----|--|
|   |                  |              |        |                     |                |          |                  |              |                 |        | 1,0               | 10/092,933 |                          |                   |  |          |             |            |        |           | KARAMANOS ET AL. |         |          |          |          |           |   |   |     |  |
|   |                  |              |        |                     |                |          |                  |              |                 |        |                   | Examiner   |                          |                   |  |          |             |            |        | Art Unit  |                  |         |          |          |          |           |   |   |     |  |
|   |                  |              |        |                     |                |          |                  |              |                 |        |                   |            |                          |                   |  |          |             |            |        |           |                  |         |          |          |          |           |   |   |     |  |
|   |                  | ******       | 410    | EPIN BERRIANDE      |                | 4188     | 441011           |              |                 |        | Harry B. Tanner   |            |                          |                   |  |          | _           | 37         | 44     |           |                  | 丄       |          |          |          | 4         |   |   |     |  |
|   |                  |              | _      | <del></del> -       |                | _        |                  | •            |                 |        |                   | _          | _                        | _                 |  |          |             | i          |        |           |                  |         |          |          | !        |           |   |   | 1   |  |
|   | √ Rejected — (Ti |              |        |                     |                |          | Through numera   |              |                 |        | J)                | N          | N                        | Non-El            |  | ected    |             |            | Appeal |           |                  |         | ł        |          |          | •         |   | 1 |     |  |
|   | •                |              |        |                     | Cancelled      |          |                  |              | _՝              | "      | ┡                 |            |                          |                   |  | A        | <del></del> |            |        |           |                  |         |          |          |          | ١         |   |   |     |  |
|   | = Allowed . +    |              |        |                     | Restricted     |          |                  |              |                 | h      | l tr              | nterfe     | reno                     | СВ                |  | 0        | •           | ОЫ         | ect    | eď        | 1                |         |          |          |          | 1         |   |   |     |  |
| • |                  |              |        |                     |                |          |                  |              |                 |        |                   | L          | L.                       |                   |  | ك        | 1           | Ц          |        |           |                  |         |          |          |          |           |   | - |     |  |
| • | Claim Date       |              |        |                     |                | Claim    |                  |              |                 | Da     | Date              |            |                          |                   | Clai   | m        | Г           |            |        | Dat       | e                |         |          | $\Box$   |          |           | - |   |     |  |
|   | 15               |              |        | $\exists$           |                |          |                  | 174          |                 | Т      |                   |            | lſ                       | - 5               |  | П        |             |            |        |           |                  | П       | 7        | ·        |          | ı         |   |   |     |  |
|   | Final            | Original     | 621/05 | 17710               | -              | H        |                  | Finat        | Original        |        | 77                | اوا        |                          |                   |  | Ш        | Flag        | Original   |        | ١         | 1                | ı       |          | lł       |          | -1        |   |   | 1   |  |
|   | "                | ŏ            | 8      | 66 40 P             |                |          |                  | "            | ð               |        | 4                 | ρğ         | 1                        |                   |  | 11       | ٦,          | ð,         | Ш      | ١         | 1                | 1       |          | 1 1      |          | -1        |   |   | ١   |  |
|   |                  | 1            | 7      | レコノ                 |                |          |                  |              | 51              |        |                   | 크.         | I                        |                   |  | 1 [      |             | 101        | 口      | 1         | $\bot$           | 1       |          |          | $\Box$   | $\exists$ |   |   | 1   |  |
|   |                  | 2            | 4      | <b>U</b> > <b>Z</b> | _              | Н        | $\Box$           |              | 52<br>53        |        | 2                 | पु         | ╀                        | H                 |  | -        |             | 102<br>103 | ╌      | +         | +                | ╄       | ┡        | Н        | $\dashv$ | $\dashv$  |   |   | Ì   |  |
|   |                  | 3            | u      | V5 V                | -              | Н        |                  | _            | 54              | +      | वि                | 4          | +                        |                   |  | ł        |             | 104        | H      | 寸         | +                | 十       | ┢        | Н        | $\dashv$ | $\dashv$  |   |   | ١   |  |
|   |                  | 5            |        | 45 V                |                |          |                  |              | 55              | ユ      | 0                 | 1          | I                        |                   |  | 1        |             | 105        |        |           |                  | I       | Г        |          | $\Box$   | コ         |   |   | -   |  |
| • |                  | 6            | S      | .V2 /               |                | Н        | _                |              | 58              | +      | 3                 | 4          | +                        | $\vdash$          | ⊢⊢   | <b>∤</b> |             | 108        |        | 4         | +                | ╁       | ╀        | Н        | $\dashv$ |           |   |   | - 1 |  |
|   | <u> </u>         | 8            |        | Ue V                | +              | Н        |                  | -            | <i>57</i><br>58 | +      | $\rightarrow$     | it         | ╁                        | ╁                 | +  | <b>!</b> |             | 108        | ┥      | $\dashv$  | +                | ┿       | ╁        | Н        | -        | ⊣         |   |   | -1  |  |
|   |                  | 9            | V      | UeV                 |                | 口        | コ                |              | 59              |        | 르                 | 4          |                          | $\Box$            |  |          |             | 109        |        |           | $\Box$           | I       |          |          | $\Box$   | $\Box$    |   |   | -1  |  |
|   |                  | 10           |        |                     |                | $\sqcup$ | _                |              | 60<br>61        |        | 1-1               | N<br>N     | ╂                        | -                 |  | {        |             | 110<br>111 | Н      | +         | +                | +       | ⊬        | Н        | $\dashv$ | 4         |   |   | -   |  |
|   |                  | 11           | Н      | 12                  | <del></del>    | Н        |                  | ┢            | 62              | +      | ╁┪                | 7          | ╁                        | Н                 | $\vdash$   | łł       |             | 112        | H      | +         | +                | 十       | $\vdash$ | Н        | $\vdash$ | ┥         |   |   |     |  |
|   |                  | 13           | Ū      | V= V                |                |          |                  |              | 63              |        |                   | 11         | 1                        |                   |  | 1 [      |             | 113        |        |           | 工                | Ţ       |          |          | $\Box$   | $\Box$    |   |   | - 1 |  |
| , |                  | 14           | u      | 999                 | -              | Н        |                  | _            | 64<br>65        | -      | +                 | #          | ╀                        | ╀                 | ₩  | łł       |             | 114<br>115 | Н      | 4         | +                | ╀       | +        | Н        | H        | $\dashv$  |   |   | ١   |  |
|   | -                | .15<br>36    | V      | VV                  |                | Н        | $\dashv$         | <del> </del> | 66              | +      | ╂╢                | ╫          | ╁                        | 十                 | <del>                                     </del> | łŀ       |             | 118        | H      | ┪         | +                | +-      | T        |          | Н        |           |   |   |     |  |
|   |                  | 17           | V      | VO                  |                |          |                  |              | 67              |        |                   | 2          |                          |                   |  |          |             | 117        |        | $\Box$    |                  | 工       |          |          | $\Box$   | $\Box$    |   |   |     |  |
| ÷ |                  | 18           | X      | VB                  | -              | $\vdash$ | 4                | -            | 68<br>69        |        | $\vdash$          | +          | +                        | -                 | -  | 1        |             | 118<br>119 | Н      | +         | +                | ╁       | ╀        | Н        | ${f H}$  | ᅱ         |   |   | - 1 |  |
|   | -                | <b>1 2 3</b> | Н      | 0                   | ╌              | $\vdash$ | $\dashv$         | -            | 70              | +      | H                 | +          | +                        | +                 |  | 1 1      |             | 120        | Н      | Ť         | +                | T       | t        | Н        | Н        |           |   |   | ١   |  |
|   |                  | 2            |        |                     |                |          |                  |              | 71              |        | $\square$         | $\Box$     | I                        |                   |  | ] [      |             | 121        | П      | $\Box$    | I                | $\perp$ | L        |          |          | $\exists$ |   |   | 1   |  |
|   |                  | 23           | И      | पद्ग                | <b>⊢</b>  ∸    | 1-1      | $\dashv$         |              | 72<br>73        |        | +                 | +          | ╁                        | 1                 | Н⊸   | {        |             | 122<br>123 | -1     | -         | ╬                | ╫       | ╁        | Н        | Н        | $\dashv$  |   |   |     |  |
|   | <u> </u>         | 24           | H      |                     | 1              | Н        | $\dashv$         |              | 74              | +      | $\dagger \dagger$ | +          | +                        | †                 |  | 1 1      |             | 124        |        | 1         | 士                | t       | T        |          | Ħ        |           |   |   | ı   |  |
|   |                  | 25           |        |                     |                |          |                  |              | 75              |        | $\square$         | $\perp$    | I                        |                   |  | ] [      |             | 125        | П      | 1         | $\bot$           | Ţ       | L        | Ц        | Ш        |           |   |   |     |  |
|   | <b> </b> -       | 26<br>27     | H      | 400                 |                | $\vdash$ | $\dashv$         | -            | 76<br>77        | -      | H                 |            | +                        |                   | Н  | 1        |             | 126<br>127 | ᡰ᠆ᡰ    | ┽         | ╌                | +       | ╁        | Н        | $\vdash$ | Н         |   |   | ı   |  |
|   | $\vdash$         | 28           | U      | 7=17                | +              | Н        | -                |              | 78              | 1      | $\dagger \dagger$ | -          | +                        |                   |  | 1 t      |             | 128        |        | I         | 士                |         | İ        |          |          |           |   |   |     |  |
|   |                  | 29           |        |                     |                |          |                  |              | 79              |        | $\Box$            | $\Box$     | I                        | $\sqsubset$       |  | ] [      |             | 129        |        | $\Box$    | 4                | 1       | L        | П        | $\dashv$ | $\Box$    |   |   | .   |  |
| - | -                | 30<br>31     | 7      |                     | Н-             | Н        | $H_{\mathbb{P}}$ | $\vdash$     | 80<br>81        | +      | ╁┤                | +          | ╁                        | ╀                 | <del>    .</del>                                 | 1 }      |             | 130<br>131 | Н      | $\dashv$  | +                | ╁       | ╀        | $\vdash$ | Н        | Н         |   |   | ١   |  |
|   | <u> </u>         | 32           | H      | 45                  | $\vdash$       | Н        |                  | _            | 82              | +      | H                 | _          | 十                        | T                 |  | 1 t      |             | 132        |        | コ         | I                | 1       | 上        |          |          |           |   |   |     |  |
|   |                  | 33           | ¥      | 40 V                | $\Box$         |          |                  | 匚            | 83              | $\Box$ | $\Box$            |            | T                        | 匚                 |  | ] [      |             | 133        |        | $\exists$ | _                | Ţ.      | $\perp$  |          | П        |           |   | • |     |  |
|   | <b>-</b>         | 34           | Н      | 420                 | ╟╌╂╌           | ╀┤       | $\vdash$         | -            | 84<br>85        | +      | ╁╌┨               |            | ╫                        | ╀                 |  | 1 }      |             | 134        |        | +         | ┽                | ╁       | ╁        | Н        | H        | Н         |   |   |     |  |
|   | _                | 38           | Ū      | यन                  | H              |          | H                | $\vdash$     | 88              | +      |                   |            | 1                        |                   |  | 1 t      | _           | 136        | -      | $\exists$ | 士                | 土       | İ        | $\Box$   |          |           |   | • |     |  |
|   |                  | 37           | Ų      | ye y                |                |          |                  |              | 87              |        | $\Box$            | $\bot$     | T                        | $oldsymbol{\Box}$ | П  | 1 [      |             | 137        | П      | 4         | 1                | _       | Ļ        | Ш        |          | -         |   |   |     |  |
|   | ⊢                | 38           | 45     | 020                 | H              | ╀        | Н                | $\vdash$     | 88<br>89        |        | ╁┤                | +          | ╁                        | <del> </del> -    | ╌  | 1        |             | 138<br>139 |        | ┪         | ┽                | 十       | ┿        | ┝┤       | Н        | H         |   |   |     |  |
|   |                  | 49           | U      | नबन                 |                |          |                  |              | 90              |        | $\pm 1$           | 士          | 土                        | İ                 |  |          |             | 140        |        | コ         | 二                | 1       |          |          | 口        |           |   |   |     |  |
|   |                  | 41           | Š      | 931                 |                |          |                  |              | 91              |        |                   |            | 1                        | L                 |  |          |             | 141        |        | -         | +                | +       | ╀        | ╀-       | Н        | Н         |   |   |     |  |
| - | _                | 42           | 46     |                     | Н.             | Н        | $\mathbf{H}$     |              | 92<br>93        | +      | ╁┤                | +          | +                        | ╁╴                | $\vdash\vdash$                                   | 1 1      |             | 142        |        | _         | +                | +       | +        | $\vdash$ | H        | Н         |   |   | ĺ   |  |
|   |                  | 4            | V      | <b>V</b> .          |                |          |                  |              | 94              | 士      |                   | 士          | 土                        |                   |  | 1 (      |             | 144        |        |           |                  | T       | T        |          |          |           |   |   |     |  |
|   | _                | 45           | 19     | 447                 |                | $\vdash$ |                  | 厂            | 95<br>96        |        | +آ                | 1          | $\bot$                   | F                 |  | 1        |             | 145<br>146 | Н      | +         | +                | ╁       | ╀        | $\vdash$ | H        | Н         |   |   |     |  |
|   | -                | 45           | Н      | विप                 | ┝╂╌            | ╅┤       | H                | 1            | 97              | +      | ╅┪                | +          | †:                       | +                 | ╁┼   | ſŀ       |             | 147        | Н      | _         | 士                | 1       | T        | T        | H        | Н         |   |   |     |  |
|   |                  | 48           | 口      | 27                  |                |          |                  | 匚            | 98              | $\bot$ | $\Box$            |            | T                        | L                 | 口  | ] [      | _           | 148        | П      | $\Box$    | $\Box$           | T       | I        | Γ        | П        |           |   |   |     |  |
|   | _                | 49<br>50     | Н      | = 7                 | $\vdash\vdash$ | $\vdash$ | H                | -            | 100             | +      | ╁┤                | +          | ╀                        | ╁                 | ╁┼   | {        |             | 149<br>150 |        | +         | +                | +       | ╁        | $\vdash$ | Н        | Н         |   |   |     |  |
|   |                  | - 50         | _      |                     | Щ.             | _        |                  |              | , , , ,         |        |                   |            |                          | _                 |  |          |             |            | _      | -         | _                |         | -        | -        |          | _         |   |   |     |  |